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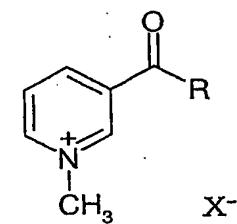
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(1)

(57) Abstract: The invention relates to the use of quaternary pyridinium salts of formula (1), wherein R is NH₂, CH₃, or N(H)CH₂OH group, and X is pharmaceutically acceptable counterion, for the preparation of vasoprotective agent for the treatment or prevention of conditions or diseases associated with dysfunction of vascular endothelium, oxidative stress, and/or insufficient production of endothelial prostacyclin PG_{I2}, in particular but not exclusively if the above coincides with hypercholesterolemia, hypertriglyceridemia or low HDL level.